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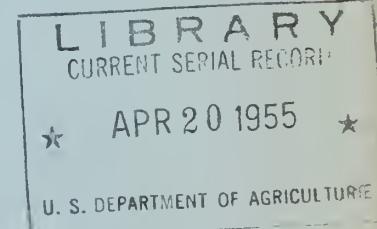


Reserve  
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Federal-State Cooperative  
Snow Surveys and Water Supply Forecasts  
for  
**Rio Grande Drainage Basin**



SOIL CONSERVATION SERVICE  
UNITED STATES DEPARTMENT OF AGRICULTURE  
AND  
COLORADO AGRICULTURAL EXPERIMENT STATION

Data included in this report were obtained by the agencies named above in cooperation with the U. S. Forest Service, National Park Service, State Engineers of Colorado and New Mexico and other Federal, State and local organizations.

— AS OF —  
APRIL 1, 1955

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY  
AND WATER SUPPLY FORECAST REPORTS:

Forecasts by U. S. Weather Bureau of total annual streamflow October-September, inclusive, at more than 300 gaging stations are issued monthly January through May in the publication WATER SUPPLY FORECASTS FOR THE WESTERN UNITED STATES.

Weather Bureau forecasts of runoff presented in that bulletin are computed from procedures based on mathematical analysis of the relation between precipitation and runoff.

The Weather Bureau bulletins may be secured by writing to:

Hydrologist in Charge  
River Forecast Center  
U. S. Weather Bureau  
712 Federal Office Building  
Kansas City 6, Missouri

For current information on local river and flood conditions, reference should be made to the appropriate River District Office listed below:

Meteorologist in Charge.....	Pecos River in N. Mex.;
Weather Bureau Airport Station	Rio Grande and tributaries
Albuquerque, N. Mex.	at and above Elephant Butte Dam, N. Mex.

Rio Grande

FEDERAL-STATE COOPERATIVE  
SNOW SURVEYS AND WATER SUPPLY FORECASTS  
for  
RIO GRANDE BASIN

Issued

April 9, 1955

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WATER SUPPLY OUTLOOK  
RIO GRANDE DRAINAGE BASIN  
April 1, 1955

Another year of deficient streamflow will occur on the Rio Grande and its tributaries in Colorado. Water supply will again be short in New Mexico. Snow cover declined during March and is now 60 percent of normal in Colorado and 40 percent in New Mexico. Soils in irrigated areas are dry. Reservoir storage is much below the past ten-year average and slightly less than for April 1, 1954.

RIO GRANDE

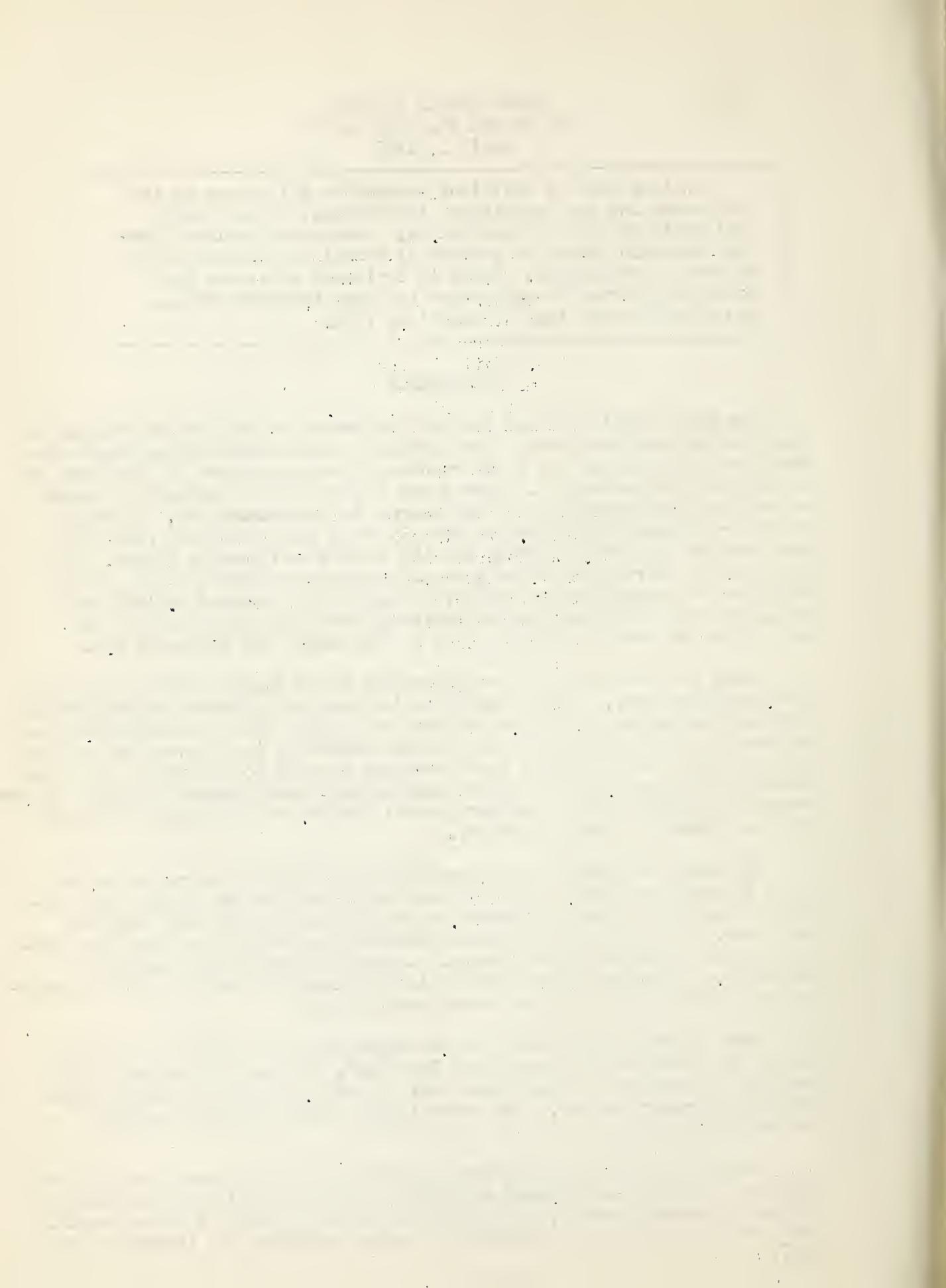
The water supply outlook for the Rio Grande in Colorado is similar to that for the past two years. The increase in snow cover during March was much less than normal. At lower mountain elevations there is less snow on the ground than on March 1. Snow cover is now about 60 percent of normal on both the Continental Divide and Sangre de Cristo mountains. Forecasts of April-September 1955 flow are from 55 to 65 percent of the past ten-year average for the Rio Grande and the Alamosa and Conejos rivers. This represents a sharp drop in the streamflow prospects during March. These estimates of streamflow are similar to that which occurred in 1953 and 1954. Storage in irrigation reservoirs in San Luis Valley is very low and similar to April 1, 1954. Soils in the valley are extremely dry.

Along the Rio Grande in New Mexico the water supply will be extremely low again this year. Until recently soils were dry in northern New Mexico. Snow melt during March did not wet the root zone. There was practically no new snow in the Rio Chama and Rio Grande watersheds in northern New Mexico during March. As of April 1 snow cover was from 20 to 50 percent of normal which is probably the lowest since snow surveys were started in 1937. El Vado Reservoir is near empty. Another year of limited water supply is certain for the middle Rio Grande district.

The water available in Elephant Butte and Caballo reservoirs is now about 160,000 acre-feet. This is practically the same as a year ago. Inflow to Elephant Butte is expected to be a little less in 1955 than for last year. The total of storage and expected inflow will be less than one-half of the historical water demand. Extensive pumping will again be necessary. Streamflow below Caballo is the lowest of record. Soil in irrigation areas are dry near Las Cruces and El Paso.

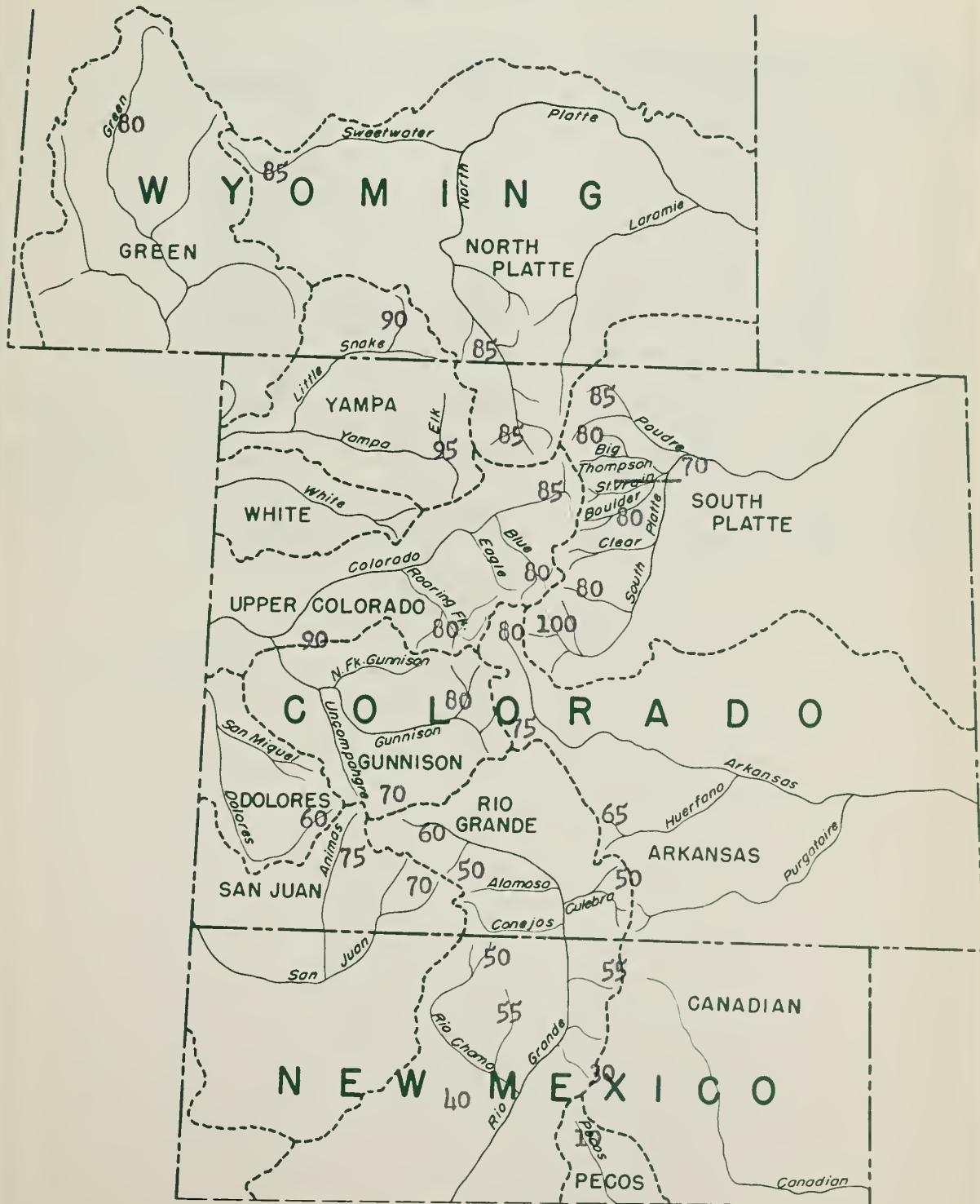
There is very little snow on the headwaters of the Pecos. However, due to the flood on the Pecos River last fall, storage in Alamogordo and McMillan reservoirs is three times that of April 1, 1954 and nearly twice the past ten-year average. The water supply outlook for the Carlsbad Project is good.

Carry-over storage in Conchas Reservoir for the Tucumcari Project is 1945,000 acre-feet as compared to 165,000 a year ago and about one-half of the past ten-year average. Soils are dry and streamflow is below normal. There will probably be a deficiency in water available for irrigation in 1955.



WATER CONTENT OF SNOW ON THE WATERSHEDS OF  
PLATTE, ARKANSAS, UPPER COLORADO AND RIO GRANDE BASINS  
BASED ON SNOW SURVEYS MADE APPROXIMATELY FIRST DAY OF MONTH

In Percent of Normal  
April 1, 1955





SNOW SURVEYS AND IRRIGATION WATER FORECASTS  
RIO GRANDE BASIN

STATUS OF RESERVOIR STORAGE, April 1, 1955

STREAM	RESERVOIR	USABLE CAPACITY 1000 A.F.	1,000 A.F. Storage, April 1			
			1955	1954	1953	10-yr. Avg. 1943-1952
RIO GRANDE	Rio Grande	45.0	7.5	7.0	17.6	14.5
	Santa Maria	45.0	3.2	2.8	9.9	9.5
	Sanchez	103.0	4.0	4.3	6.1	11.5
	Terrace	17.7	1.5	1.6	4.9	3.2
	Continental	26.7	4.0	5.8	6.3	9.6
	Platoro	60.0	0.0	0.0	0.0	---
	Elephant Butte	2273.7	143.2	142.5	281.0	742.4
	Caballo	356.0	14.1	31.6	139.4	209.7
CHAMA RIVER	El Vado	226.0	0.0	3.5	0.0	41.2
CANADIAN RIVER	Conchas	600.0	143.3	166.2	173.4	304.2
PECOS RIVER	Alamogordo	148.0	82.6	34.5	39.0	50.4
	McMillan-Avalon	45.0	30.8	4.8	4.0	11.2

\*Some for shorter periods



RIO GRANDE DRAINAGE BASIN SUMMARY OF APRIL 1 SNOW SURVEYS AND  
COMPARISON OF DATA WITH PREVIOUS YEARS  
April 1, 1955

WATERSHEDS	No. of Courses Averaged	Years of Record	April 1, 1955 Water Contents as Percent of		
			1954	1953	Average
Rio Grande (Colo.)	21	4-19	74	96	55
Upper Rio Grande	3	16-19	81	108	60
Alamosa River	2	15-18	71	110	48
Conejos River	5	6-19	73	92	49
Culebra River	1	15	52	68	47
Rio Grande (N.M.)	14	5-18	57	86	39
Chama River	5	5-19	67	77	44
Pecos River	3	13-18	18	27	9
Canadian River	3	13-18	65	93	39



RIO GRANDE DRAINAGE BASIN

STREAM FLOW FORECASTS, April 1, 1955

BASIN AND STREAM	April-September, Incl., Streamflow, Acre Feet				
	Forecast 1955	% of 10 yr. Ave.	Measured Runoff 1953	1952	10 year Avg. 1943-1952
<b>RIO GRANDE</b>					
South Fork at South Fork	75,000	58	80,000	207,000	130,000
Rio Grande at Del Norte	315,000*	50	302,000*	763,000*	530,000*
Alamosa above Terrace Res.	42,000	55	52,000	121,000	76,000
Conejos at Mogote	110,000	52	143,000	356,000	212,000
Culebra at San Luis	16,000	67	15,000	33,000	24,000
Rio Chama at Park View	90,000	45	114,000	372,000	203,000
Costilla at Costilla	18,000	67	20,000	30,000	27,000
Embudo Creek at Dixon	20,000	51	32,000	63,000	39,000
Rio Grande at Otwi Bridge	250,000*	37	298,000* 1,167,000*	675,000*	675,000*
Rio Grande at San Marcial	100,000*	24	115,000*	857,000*	421,000*
Pecos at Pecos	27,000	51	41,000	74,000	53,000

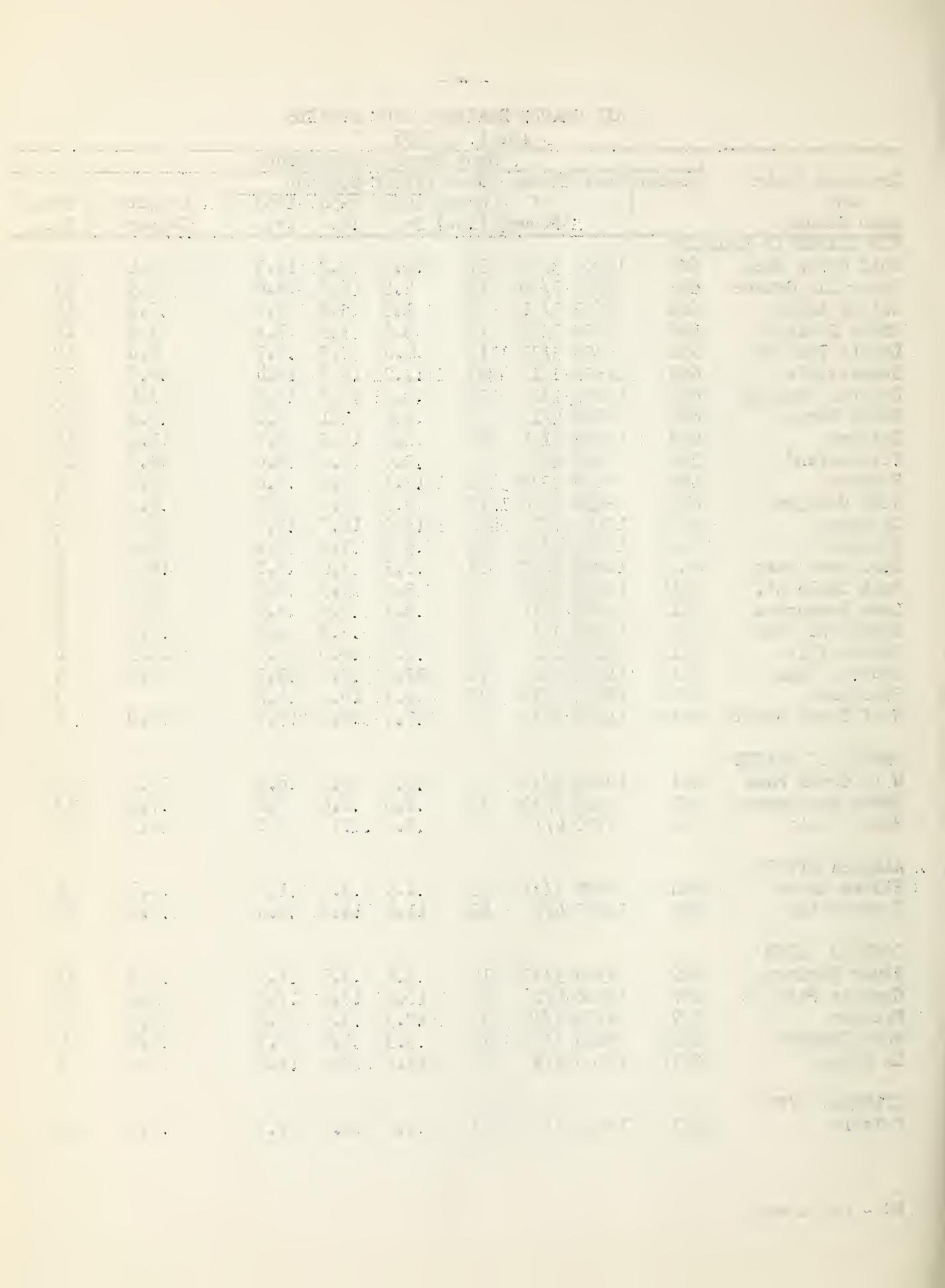
\*Including diversions and change in storage



RIO GRANDE DRAINAGE SNOW SURVEYS  
April 1, 1955

Drainage Basin and Snow Course	Number	Elev.	Date of Survey	Snow Depth (In.)	Snow Cover Measurements			Av. Water Content	Yrs. Rec.
					1955 In.	1954 In.	1953 In.		
<b>RIO GRANDE IN COLORADO</b>									
Wolf Creek Pass	6M1	10000	3/30	57	20.0	24.2	18.3	30.4	19
Upper Rio Grande	6M2	9350	3/30	18	2.5	4.8	3.8	7.5	17
Silver Lakes	6M4	9600	3/31	5	1.5	3.0	1.2	5.8	18
River Springs	6M5	9300	3/30	12	3.6	3.5	1.9	7.3	18
LaVeta Pass #2	5M1	9300	3/31	11	4.4	7.7	5.7	8.4	19
Summitville	6M6	11500	4/1	43	11.2	14.9	10.4	20.5	15
Cumbres Pass #2	6M7	10000	4/1	24	8.0	13.2	17.6	23.4	19
Santa Maria	6M8	9700	4/1	9	2.6	2.1	1.2	4.3	16
Culebra	5M3	10000	3/31	21	5.2	10.0	7.7	11.0	15
Ft. Garland	5M4	8200	4/1	0	0.0	0.0	0.0	2.3	15
Platoro	6M9	9950	3/29	34	10.3	13.5	8.8	20.0	6
West Conejos	6M10	9450	3/30	12	3.3	6.8	2.7	8.9	6
La Manga	6M11	10100	4/1	44	13.0	18.7	13.1	24.0	6
Pyramid	6M12	10300	3/31	24	5.9	7.8	6.1	10.6	6
Spr.Creek Pass	6M13	10900	3/30	23	5.5	7.6	5.2	10.6	6
Pool Table Mt.	6M14	10000	3/31	14	3.7	5.3	3.6	6.3	6
Lake Humphreys	6M15	9300	3/31	9	3.3	2.6	3.5	6.5	6
Cochetopa Pass	6L6	10000	4/1	19	2.9	3.3	4.0	4.9	6
Howardville	7M13	9600	4/1	26	8.3	10.0	6.7	11.5	4
Red Mt. Pass	7M15	11000	4/1	70	22.3	25.9	23.3	30.6	4
Porcupine	6M16	10400	3/30	30	6.7	10.1	6.2		3
Wolf Creek Summit	6M17	11000	3/30	58	17.7	25.0	17.9	29.0	4
<b>UPPER RIO GRANDE</b>									
Wolf Creek Pass	6M1	10000	3/30	57	20.0	24.2	18.3	30.4	19
Upper Rio Grande	6M2	9350	3/30	18	2.5	4.8	3.8	7.5	17
Santa Maria	6M8	9700	4/1	9	2.6	2.1	1.2	4.3	16
<b>ALAMOSA RIVER</b>									
Silver Lakes	6M4	9600	3/31	5	1.5	3.0	1.2	5.6	18
Summitville	6M6	11500	4/1	43	11.2	14.9	10.4	20.5	15
<b>CONEJOS RIVER</b>									
River Springs	6M5	9300	3/30	12	3.6	3.5	1.9	7.3	18
Cumbres Pass #2	6M7	10000	4/1	30	10.1	13.2	17.6	23.4	19
Platoro	6M9	9950	3/29	34	10.3	13.5	8.8	20.0	6
West Conejos	6M10	9450	3/30	12	3.3	6.8	2.7	8.9	6
La Manga	6M11	10100	4/1	44	13.0	18.7	13.1	24.0	6
<b>CULEBRA RIVER</b>									
Culebra	5M3	10000	3/31	21	5.2	10.0	7.7	11.0	15

NS - No Survey



RIO GRANDE DRAINAGE SNOW SURVEYS  
April 1, 1955

Drainage Basin and Snow Course	Number	Elev.	Date of Survey	Snow Cover Measurements			Past Record				
				Snow Depth (In.)	Water Content (In.)	1955	1954	1953	Avg. Water Content	Yrs. Record	
RIO GRANDE IN NEW MEXICO											
<b>CHAMA RIVER</b>											
Cumbres Pass #2(a)	6M7	10000	4/1	24	8.0	13.2	17.6	23.4	19		
Pay Role	6N1	9700	3/30	13	3.4	5.6	2.4	4.0	15		
Chama Divide	6N2	7750	3/31	0	0.0	0.4	0.0	2.3	15		
Chamita	6N3	8500	3/31	15	4.8	8.3	4.4	9.1	13		
Bateman	6N4	9300	3/30	27	7.9	8.6	6.5	11.2	5		
<b>PECOS RIVER</b>											
Aspen Grove*	5P1	9500	3/31	3	0.6	1.8	1.7	3.0	18		
Pancheula #2	5P2	8300	4/1	0	0.0	0.0	0.4	1.9	18		
Big Tesuque*	5P3	10000	3/31	2	0.3	3.4	1.3	5.0	13		
<b>RIO GRANDE</b>											
Red River	5N1	9500	3/30	8	4.1	4.6	1.9	7.6	18		
Taos Canyon	5N2	9000	3/30	7	3.3	2.6	2.3	6.4	16		
Aspen Grove	5P1	9100	3/31	3	0.6	1.8	1.7	3.1	18		
Tres Ritos	5N4	9000	3/30	3	0.8	1.2	0.6	4.7	17		
Pay Role	6N1	9700	3/30	13	3.4	5.6	2.4	9.0	15		
Chama Divide	6N2	7750	3/31	0	0.0	0.4	0.0	2.3	15		
Chamita	6N2	8500	3/31	15	4.8	8.3	4.4	9.1	13		
Cordova	5N5	10100	3/31	22	5.4	8.8	6.3	12.0	13		
Pancheula #2	5P2	8300	4/1	0	0.0	0.0	0.4	1.9	18		
Big Tesuque	5P3	10000	3/31	22	0.3	3.4	1.3	5.0	13		
Elk Cabin	5P4	8550	3/30	0	0.0	NS	0.0	0.9	6		
Rio En Medio	5P5	10000	3/31	12	2.9	6.8	8.6	5.6	5		
Quemazon	6P1	9500	4/1	0	0.0	7.7	3.8	5.9	5		
Bateman	6N4	9300	3/30	27	7.9	8.6	6.5	11.2	5		
Fenton Hill	6P2	8900	3/30	1	0.3	0.8	1.5		3		
<b>CANADIAN RIVER</b>											
Hematite Park	5N3	9500	3/29	3	2.2	2.8	2.7	5.0	18		
Tres Ritos*	5N4	9000	3/30	3	0.8	1.2	0.6	4.7	17		
Cordova*	5N5	10100	3/31	22	5.4	8.8	6.3	12.0	13		

\*On adjacent drainage

(a) Air observed

NS - No Survey



LIST AND LOCATION OF SLOW COURSES  
Platte, Arkansas, Colorado  
and Rio Grande Drainages

No.	State	Name	Sec.	Twp.	Rge.	Elev.	No.	State	Name	Sec.	Twp.	Rge.	Elev.		
												<u>Upper Colorado</u>			
SE1	SD	<u>Cheyenne</u> Upper Spearfish	21	3N	1E	6500	5J4	C	Phantom Valley	7	5N	75W	9300		
6J2	C	<u>North Platte</u> Park View	24	5N	78W	9200	5K3	C	Berthoud Pass	35	2S	75W	9700		
6J3	C	Columbine	21	5N	82W	9300	5K4	C	M.F. Camp Ground	16	3S	77W	9000		
6J7	C	Northgate	7	17N	79W	8500	6K5	C	Fiddler Gulch	1	8S	80W	11000		
6H4	W	No. French Creek	27	16N	80W	10200	5J7	C	Lulu	25	6N	76W	10200		
6H5	W	No. Barrett Creek	30	16N	80W	9400	5J8	C	Willow Creek Pass	1	4N	78W	9500		
6H6	W	Ryan Park	34	16N	81W	8400	5J9	C	N. Inlet Grand Lake	26	4N	75W	9000		
6H7	W	Spring Creek	32	15N	85W	9000	5J10	C	Lake Irene	8	5N	75W	10600		
6H8	W	Bottle Creek	24	14N	85W	8200	5K6	C	Arrow	34	1S	75W	9500		
6H9	W	Webber Springs	27	14N	85W	9000	5K7	C	Laplard	16	2S	76W	9500		
6H10	W	Old Battle	29	14N	85W	9800	6K8	C	Fremont Pass	2	8S	76W	11400		
6H11	W	Albany	18	14N	78W	9400	6J6	C	Lynx Pass	27	2N	88W	9100		
6H13	W	Pearl	18	12N	82W	8900	6K9	C	Shrine Pass	15	6S	79W	10500		
		<u>Laramie</u>					5K9	C	Grizzly Peak	2	5S	76W	11250		
5J12	C	Road	5	10N	77W	9800	5K10	C	Glen-Mar Ranch	31	2S	77W	8850		
5J15	C	McIntyre	35	10N	76W	9100	5J14	C	Monarch Lake	30	2N	74W	8500		
6H1	W	Brooklyn Lake	11	16N	75N	10200	5J16	C	Granby	11	2N	77W	8700		
6H2	W	Hairpin Turn	24	15N	79W	9500	5J19	C	Grand Lake	36	4N	75W	8500		
6H3	W	Libby Lodge	29	16N	78W	8900	5K14	C	Berthoud Summit	10	2S	75W	11300		
6H12	W	Fox Park	21	13N	78W	9200	5K15	C	Frazer View	34	2S	75W	10600		
		<u>Sweetwater</u>					6J11	C	Gore Pass	2	1N	82W	8900		
8G3	W	South Pass	18	30N	101W	9000	6K13	C	Frisco	18	6S	78W	9300		
8G4	W	Grannier Meadows	19	30N	100W	9000	5K16	C	Snake River	9	5S	76W	9700		
9G6	W	Larsen Creek	12	30	102W	9000	6K14	C	Summit Ranch	8	4S	78W	10000		
		<u>Laramie Peaks District</u>					5J24	C	Milner Pass	7	5N	75W	1C100		
5G1	W	Boxelder	13	27N	74W	8450	6K15	C	Vail Pass	28	5S	79W	10000		
5G2	W	LaBonte	31	30N	75W	9000	6K18	C	Kokomo	23	7S	79W	10600		
		<u>South Platte</u>					6K19	C	Pando	10	7S	80W	9500		
5J1	C	Cameron Pass	2	6N	76W	10300									
5J2	C	Chambers Lake	6	7N	75W	9000									
5J3	C	Big South	33	8N	75W	8600									
5K1	C	East Portal	2	2S	74W	9400									
6K1	C	Hoosier Pass	13	8S	78W	11400									
6K2	C	Fairplay	33	9S	77W	10000									
5J5	C	Wild Basin	24	3N	74W	10000									
5J6	C	Deedman Hill	26	10N	75W	10200									
5J8	C	University Camp	26	1N	78W	10300									
5K5	C	Loveland Pass	27	4S	76W	10600									
6J11	C	Hour Glass Lake	18	7N	73W	9500									
5K8	C	Jefferson Creek	14	7S	76W	10100									
5J13	C	Hidden Valley	23	5N	75W	9550									
5J17	C	Deer Ridge	19	5N	75W	9050									
5J18	C	Copeland Lake	21	3N	73W	8600									
5K10	C	Empire	21	3S	75W	9650									
5K11	C	Geneva Park	18	6S	74W	9750									
5L1	C	Antero	1	13S	77W	9200									
5J2C	C	Red Feather	26	10N	74W	9000									
5K12	C	Moffatt	2	2S	74W	9400									
5Z1	C	Ward	1	1N	75W	9500									
5K13	C	Berthoud Falls	16	3S	75W	10800									
5J22	C	Longs Peak	32	4N	78W	10500									
5J23	C	Lost Lake	32	8N	78W	9300									
5K17	C	Clear Creek	27	4S	76W	11200									
5J25	C	Boulder Falls	26	1N	73W	10000									
5J26	C	Two Mile	22	5N	74W	10500									
5H1	W	Pole Mountain	35	15N	72W	8700									
		<u>Arkansas</u>													
6K2	C	Tennessee Pass	21	8S	80W	10200									
6K3	C	Twin Lakes Tunnel	22	11S	82W	10500									
6M1	C	LaVeta Pass	22	28S	70W	9300									
6K7	C	Four Mile Park	23	11S	81W	9700									
6M2	C	Blue Lakes	30	31S	69W	10000									
6L4	C	Monarch Pass	16	49N	6E	10500									
6L6	C	Saint Elmo	31	15S	80W	10600									
6M11	C	Timberline	8	9S	81W	11100									
6K16	C	Cooper Hill	2	8S	80W	10600									
6K17	C	East Fork	9	8S	79W	10700									
6L2	C	Westcliffe	19	22S	73W	9000									
		<u>San Juan</u>													
6M5	C	Upper San Juan	10	37N	1E	10000									
7M4	C	Silverton	10	41N	7A	9400									
7M5	C	Cascade	12	39N	SW	8850									
7M7	C	Granite Peaks	23	37N	SW	7950									
7M10	C	La Plata	4	36N	11W	9700									
7M11	C	Spud Mountain	32	40N	CH	10700									
7M12	C	Molas Lake	7	40N	7W	10500									
7M13	C	Howardville	15	41N	7W	9300									
7M14	C	Mineral Creek	35	42N	SW	10300									

## LIST AND LOCATION OF SNOW COURSES (CONTINUED)

No.	State	Name	Sec.	Twp.	Rge.	Elev.	No.	State	Name	Sec.	Twp.	Rge.	Elev.							
<u>Dolores</u>																				
7M1	C	Rico	11	39N	11W	8700	8S2	NM	Inman	6	11S	10W	7800							
7M2	C	Telluride	6	42N	8W	8600	9S4	A	Nutrioso	23	8N	30E	8600							
7M3	C	Lizard Head	24	41N	10W	10300	9S6	A	Beaver Head	13	4N	30E	8000							
7M9	C	Trout Lake	8	41N	9W	9700	9S7	A	Coronado Trail	26	5N	30E	8000							
<u>Green</u>																				
9G1	W	Mulligan Park	17	35N	108W	8900	10T1	A	Bear Wallow	6	12S	16E	8100							
9G5	W	Dutch Joe	33	31N	104W	8700	<u>Gila (Arizona) Continued</u>													
10F15	W	Kendall R.S.	23	38N	110W	7900	9R2	A	McNary	14	8N	23E	7200							
10F16	W	Locomis Park	14	37N	111W	8500	10R8	A	Forest Dale	2	9N	21E	6000							
10G9	W	Snyder Basin R.S.	15	29N	114W	8040	9R1	A	Milk Ranch	28	8N	23E	7000							
10G10	W	Piney LaBarge	19	29N	114W	8820	9S5	A	Pacheto		Maverick Arizona			7800						
<u>UTAH</u>																				
<u>Upper Green River in Utah</u>																				
10J4	U	Hewinta Ranger Station	33	3N	13E	9500	10S1	A	Workman Creek	33	6N	14E	5860							
10J1	U	Hole-in-the-Rock	13	2N	15E	9150	<u>Salt (Arizona)</u>													
10J2	U	Middle Beaver Creek	31	3N	16E	8550	9R2	A	McNary	14	8N	23E	7200							
10J3	U	Hole-in-the-Rock R.S.	32	3N	16E	8300	10R8	A	Forest Dale	2	9N	21E	6000							
9J1	U	Kings Cabin (Upper)	32	1S	21E	8800	9R1	A	Milk Ranch	28	8N	23E	7000							
9J2	U	Kings Cabin (Lower)	23&26	1S	21E	8600	9S5	A	Pacheto		Maverick Arizona			7800						
<u>Duchesne River</u>																				
10J8	U	Trail Lake	5	2S	9E	9800	12R1	A	Camp Wood	3	16N	5W	5700							
11J23	U	Daniels-Strawberry S.	20	2S	12W	8000	11P3	A	Antelope Park	29	19N	8E	7300							
11J8	U	Strawberry Divide	34-35	7S	6E	8600	11R2	A	Casper Park	19	18N	8E	6930							
11J7	U	East Portal	36	7S	6E	7560	11R1	A	Munds Park	7	18N	7E	6500							
10K1	U	Indian Canyon	2	11S	10E	9100	<u>Little Colorado (Arizona)</u>													
10J9	U	Brown Duck Lake	5	2N	6W	10300	10P2	A	Fort Valley	22	22N	4S	7350							
10J10	U	Lakeferk Mountain	2&3	2N	5W	10500	11R4	A	Mormon Lake	13	18N	8E	7350							
10J11	U	Lakefork Mountain #2	17	2N	4W	8900	11R3	A	Mormon Mountain	14	18N	7E	7500							
9J3	U	Paradise Park	7	3N	1E	10500	<u>Verde (Arizona)</u>													
9J3	U	Mosby Mountain (lower)	6	2N	1E	9500	12R2	A	Iron Springs	22	14N	3W	6000							
<u>Price River</u>																				
11K5	U	Huntington-Horseshoe	12	14S	5E	9800	13P1	A	Willow Ranch	1	21N	11W	5000							
11K4	U	Gooseberry Reservoir	25	13S	5E	8700	<u>Williams (Arizona)</u>													
11K3	U	Mammoth R.S. -	13-23	13S	5E	8800	12R2	A	Chalendorf	27	22N	3E	7100							
<u>Cottonwood Cr.</u>																				
11K6	U	Mud Creek	4	14S	7E	8250	11P1	A	Grand Canyon	21	30N	4E	7500							
11K7	U	Staley Ranch	32	12S	7E	7800	12N1	A	Bright Angel	34	33N	4E	8400							
11K8	U	Dry Valley Divide	20	12S	6E	7800	<u>Rio Grande (Colorado)</u>													
<u>San Rafael River</u>																				
11K9	U	Seelye Creek #2	25	17S	4E	10000	5M4	C	Wolf Creek Pass	4	37N	2E	10000							
<u>Muddy River</u>																				
11K14	U	Black Fork	34	20S	4E	9200	6M2	C	Upper Rio Grande	13	40N	4W	9350							
11K15	U	Dills Camp	27	20S	4E	9200	6M4	C	Silver Lakes	15	36N	5E	9600							
<u>Fremont River</u>																				
11L3	U	Fish Lake	35	26S	1E	8700	6M5	C	River Springs	25	35N	6E	9300							
11L4	U	Black's Flat-U.M.Cr.	33	24S	3E	9250	6M6	C	Summitville	30	37N	4E	11500							
11L5	U	Donkey Reservoir	9	30S	4E	9800	6M7	C	Cumbres Pass	17	32N	6E	10000							
<u>Escalante River</u>																				
11M1	U	Widtssee-Escalante Sum.	22	34S	1W	9500	6M8	C	Santa Maria	8	41N	2W	8700							
11M2	U	Widtssee-Escalante #2	22	34S	1W	9500	6M3	C	Culebra	37.2N	105.2W		10000							
<u>Virgin River</u>																				
12M6	U	Long Valley Jct	22	38S	6W	7500	6M4	C	Fort Garland	13	29N	7E	8200							
12M5	U	Harris Flat R.S.	24	38S	7W	7700	6M12	C	Platero	22	36N	4W	8550							
12M4	U	Duck Creek R.S.	11	38S	8W	8500	6M13	C	West Conejos	25	35N	4E	9450							
12M2	U	Midway Valley	26	37S	9W	9400	6M14	C	LaManga	11	33N	5E	10000							
12M1	U	Cedar Breaks	2	37S	9W	10390	6M15	C	Pyramid	26	41N	5W	10300							
12M3	U	Webster Flat	20	37S	9W	9200	6M16	C	Spring Creek Pass	2	42N	3W	10900							
13M1	U	Pine Valley	3	40S	1SW	9150	6M17	C	Pool Table Mt.	19	41N	2E	10000							
<u>Lower Colorado River (Southeastern Utah)</u>																				
9L1	U	LaSal Mountain	5	27S	24E	8800	5N1	NM	Red River	29	28N	15E	9500							
9M1	U	Buckboard Flat	36	33S	22E	9000	5N2	NM	Taos Canyon	10	25N	15W	9000							
<u>Gila (Arizona)</u>																				
7S1	NM	Frisco Divide	21	6S	20W	8000	5P1	NM	Aspen Grove	12	18N	10E	9100							
7S2	NM	State Line	5	8S	21W	8000	5N3	NM	Hematite Park	8	28N	15E	9500							
8S1	NM	Taylor Creek	20	10S	10W	7850	5N4	NM	Tres Ritos	23	22N	13E	9600							
<u>Lower Colorado River (Southern Colorado)</u>																				
6P1	NM	Pyrocle	18	28N	7E	9700	6N2	NM	Chama Divide	36.9N	106.7W		7750							
6P2	NM	Chamita					6N3	NM	Cordova	22	22N	13E	10100							
6P3	NM	Panchueia	27	18N	12E	8300	6P4	NM	Big Tesuque	17	18N	11E	10000							
6P5	NM	Elk Cabin	8	18N	11E	8200	6P6	NM	Rio En Medio	0	18N	11K	10400							
6N1	NM	Quemazon	34	20N	5E	9500	6N2	NM	Bateson	5	26N	6E	9300							
6N4	NM	Fenton Hill	18	18N	3W	8900	6P2	NM	Red River	29	28N	15E	9500							



Federal - State - Private  
COOPERATIVE SNOW SURVEYS

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Furnishes the basic data  
necessary for forecasting  
water supply for irrigation,  
domestic and municipal water  
supply, hydro-electric power  
generation, navigation,  
mining and industry

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“WATER IS THE WEST'S GREATEST RESOURCE”